

Marked-up version of original claims

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of its end facing away from the segmental surface (308) and extending over the plane of the front surface of the outer cover (303).

3. A device as specified in Claim 1 ~~or 2~~, wherein the segments (304) are additionally fastened on the outer cover (303) by a bonding layer (305).

4. A device as specified in ~~one of~~ Claims 1 to 3, wherein the bonding agent (5; 105; 205; 305) is an adhesive layer, preferably an adhesive layer of an epoxy resin, polyurethane resin, or phenol resin.

5. A device for current reversal, in particular a commutator (101; 201) with a preformed, more or less cylindrical outer cover (103; 203) having an axis of rotation (102; 202) and electrically conductive current reversal or commutator segments (104; 204) which may be fastened on connection means (103'; 203') mounted between the segments (104; 204) and the outer cover (103; 203) by means of a bonding agent (105; 205), the outer cover (103; 203) and the segments (104; 204) having interactive means for positioning and orienting the segments (104; 204) relative to the outer cover (103; 203), characterized in that there is mounted, in the frontal bottom surface of the cupshaped connection means (103'), a recess (106) shaped as a keyhole into which a corresponding projection (107), in the shape of a matching pin or bar, of a preformed outer cover core is inserted

and as a result the connection means (103') is fastened on the preformed outer cover core by clamping action.

6. A device as specified in Claim 5, wherein the electric connection means (103') is fastened to the outer cover (103') by means of an electrically insulating or an electrically conductive bonding layer (103"), for example, by an adhesive, soldered, or welded layer.

7. A device as specified in Claim 5 or 6, wherein a circular segmental disk (104) consisting of carbon or containing carbon is fastened by a bonding agent (105) on the frontal surface of the connection means (103') facing away from the outer cover (103), and the segmental disk (104) is isolated relative to the axis of rotation (102) by radial cuts in the segments (104; 204).

8. A device as specified in one of Claims 1 to 7, wherein the bonding agent (5; 105; 205; 305) is a soldered or welded layer, in particular a soft, hard, or glass solder layer or an ultrasound, friction, or electrode welded layer.

9. A process for manufacture of a current reverser, a commutator in particular (1; 101; 201) as specified in one of Claims 1 to 8, wherein a plurality, preferably all, of the segments (4; 104; 204; 304) to be fastened to the outer cover (3; 103; 203; 303) are delivered simultaneously to the outer cover (3; 103; 203; 303).